

Mathematics 9th Class English Medium Unit 5 Online Test

Sr	Questions	Answers Choice
1	In the following linear equation is	A. $5x > 7$ B. $4x - 2 \leq 1$ C. $2x + 1 = 1$ D. $4 = 1 + 3$
2	Solution of $5x - 10 = 10$ is	A. 0 B. 50 C. 4 D. -4
3	If $7x + 4 < 6x + 6$, then x belongs to the interval	
4	A vertical line divides the plane into	A. Left half plane B. Right half plane C. Full plane D. Two half plane
5	The linear equation formed out of the linear inequality is called	A. Linear equation B. Associated equation C. Quadratic equal D. None of these
6	$3x + 4 < 0$ is	A. Equation B. Inequality C. Identity D. Not inequality
7	Corner point is also called	A. Code B. Vertex C. Curve D. Region
8	(0,0) is solution of inequality	A. $4x + 5y \geq 8$ B. $3x + y \geq 6$ C. $-2x + 3y \leq b$ D. $x + y \geq 4$
9	The solution region restricted to the first quadrant is called	A. Objective region B. Feasible region C. Solution region D. Constraints region
10	A function that is to be maximized or minimized is called.	A. Solution function B. Objective function C. Feasible function D. None of these
11	Question Image	A. Equation B. Identity C. Inequality D. Linear equation
12	The degree of linear inequality is	A. 1 B. 2 C. 3 D. 4
13	Question Image	D. 16
14	$x = \dots\dots\dots$ is not a solution of inequality $x < -3/2$	A. -1.5 B. -2.5 C. -3 D. -2
15	$x=0$ is a solution of the inequality	A. $x \geq 0$ B. $3 \leq 0$ C. $x+2 \leq 0$ D. $x-2 \leq 0$
16	The solution of inequality $x > 1$ is	
17	The solution of inequality $x < 1$ is	

A. Upper

18	The graph of inequality $x > 0$ is half plane	B. Left C. right D. lower
19	The graph of inequality $y > 0$ is half plane.	A. lower B. Upper C. Right D. Left
20	The graph of inequality $x < 0$ is half plane	A. Lower B. Upper C. Right D. Left
21	The graph of inequality $y < 0$ is half plane	A. lower B. Upper C. Right D. Left
22	Which of the following line does pass through the origin.	A. $y = 4$ B. $y = 4x$ C. $y = 4x + 5$ D. $y < -2$
23	The solution region of inequality $x < 1$ is half plane	A. Closed right B. Closed left C. Open right D. Open left
24	The solution region of inequality $x < 1$ is half plane	A. Close right B. Closed left C. Open right D. Open left
25	Question Image	A. Closed right B. Closed left C. Open right D. Open left
26	Question Image	A. Closed right B. Closed left C. Open right D. Open left
27	Question Image	A. Closed lower B. Closed Upper C. Open lower D. Open upper
28	Question Image	A. Closed lower B. Closed upper C. Open lower D. open upper